

B2 and pC3-hedg4#36 isolated by PCR from human lung fibroblast cell line WI-38 cDNA library (Origene Technologies Inc.).

Please delete the paragraph on page 8, line 1, and replace it with the following paragraph:

B3 Figure 15B shows human EDG-4 cDNA (SEQ ID NO: 19) of clone pC3-Hedg4#36.

Please delete the paragraph on page 8, lines 4-5, and replace it with the following paragraph:

B4 Figure 16A shows the amino acid sequence (SEQ ID NO: 17) and features of the predicted polypeptide product of human EDG-4 cDNA of Figure 15A.

Please delete the paragraph on page 8, line 7, and replace it with the following paragraph:

B5 Figure 16B shows the amino acid sequence (SEQ ID NO: 22) of the EDG-4 polypeptide encoded by pC3-hEdg-4#36.

Please delete the paragraph on page 8, lines 9-10, and replace it with the following paragraph:

B6 Figure 17A shows the GAP alignment of the predicted human vs rat EDG-4 polypeptides (SEQ ID NOS 22 and 21, respectively, in order of appearance). The predicted amino acid sequences of two polypeptides were aligned using the GCG GAP program.

Please delete the paragraph on page 8, lines 12-14, and replace it with the following paragraph:

B7 Figure 17B shows the alignment of the amino acid sequences of EDG-4 as derived from the clones pC3-Hedg4#5 and pC3-Hedg4#36 (Figure 16A) (SEQ ID NO: 17) with pC3-Hedg4#36 (Figure 16B) (SEQ ID NO: 22) and with rat EDG-4/H218 (SEQ ID NO: 21) using the PILEUP program.

Please delete the paragraph on page 8, line 28, and replace it with the following paragraph:

B8

Figure 21 illustrates the amino acid sequence (SEQ ID NO: 23) for human EDG-6 receptor.

Please delete the paragraph on page 8, lines 30, and replace it with the following paragraph:

B9

Figure 22 illustrates the cDNA sequence (SEQ ID NO: 24) for human EDG-6 receptor.

### REMARKS

Applicants believe that the present application is now in condition for allowance.

Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

In case this paper is not timely filed, the undersigned hereby petitions for an appropriate extension of time. In the event that any fees are due in connection with this paper, please charge our Deposit Account No. 01-2300.

Respectfully submitted,

By 

Richard J. Berman  
Attorney for Applicant  
Registration No. 39,107

Arent Fox Kintner Plotkin & Kahn, PLLC  
1050 Connecticut Avenue, NW  
Suite 400  
Washington, D.C. 20036-4810  
Telephone: 202-857-6000  
Facsimile: 202-638-4810